

WHAT IS CLAIMED:

- 5       1.    A stretch fabric material composed of a Raschel  
warp knit fabric in which loops of tuck warp are engaged  
with loops of a ground fabric structure, wherein the  
fabric has an elongation of at least 20% in the warp  
direction.
- 10       2.    A stretch fabric material as defined by claim  
1, wherein the ground fabric structure is selected from a  
group of a chain stitch, a dembigh-stitch and a queen's  
cord or a combination thereof.
- 15       3.    A stretch fabric material as defined by claim  
1, wherein the loop of the tuck warp is formed by a fall-  
plate.
- 15       4.    A stretch fabric material as defined by claim  
1, wherein the tuck warp is a synthetic fiber yarn having  
a size of at least 16.0 dtex.
- 20       5.    A stretch fabric material as defined by claim  
1, wherein the Raschel warp knit fabric is a double-sided  
fabric knit by a double-needle bar type Raschel warp  
knitting machine with a fall-plate.
- 25       6.    A reinforced plastic-molded object using, as a  
substrate, a stretch fabric material composed of a  
Raschel warp knit fabric in which loops of tuck warp are  
engaged with loops of a ground fabric structure, wherein  
the fabric has an elongation of at least 20% in the warp  
direction.
- 30       7.    A stretch fabric material for a medical use  
composed of a Raschel warp knit fabric in which loops of  
tuck warp are engaged with loops of a ground fabric  
structure, wherein the fabric has an elongation of at  
least 20% in the warp direction.
- 35       8.    A stretch fabric material for a medical use as  
defined by claim 7, wherein the tuck warp is a synthetic  
fiber monofilamentary yarn having a size of at least 55.0  
dtex.
9.    A bandage of a stretch fabric material for a  
medical use as defined by claim 7, wherein the tuck warp

is a synthetic fiber monofilamentary yarn having a size of at least 55.0 dtex.

5        10. A orthopedic casting material formed of a stretch fabric material composed of a Raschel warp knit fabric in which loops of tuck warp are engaged with loops of a ground fabric structure, wherein the fabric has an elongation of at least 20% in the warp direction.

10       11. A stretchable body-bandaging material wherein a tuck yarn is a synthetic monofilamentary yarn having a size of at least 55.0 dtex or a composite yarn containing the monofilamentary yarn.